

















Table 1. Presumptiv	ve Bearing Capacity (tons/ft ²)	
	Type of Soil	Bearing Capacity
Massive crystalline bedrock, su	ch as granite, diorite, gneiss, and trap rock	100
Foliated rocks, such as schist or	slate	40
Sedimentary rocks, such as hard	d shales, sandstones, limestones, and siltstones	15
Gravel and gravel-sand mixture	es (GW and GP soils)	
Densely compacted		5
Loose not compacted		4
Sands and gravely sands well g	raded (SW soil)	3
Densely compacted	adda (off son)	38
Medium compacted		3
Loose, not compacted		24
Sands and gravely sands, poorly	graded (SP soil)	
Densely compacted		3
Medium compacted		24
Silty arauals and araual and of	It mintures (CM soll)	14
Densely compacted	it mixtures (GM soll)	21
Medium compacted		29
Loose, not compacted		14
Silty sand and silt-sand mixtures	s (SM soil)	2
Clayey gravels, gravel-sand-cla (GC and SC soils)	y mixtures, clayey sands, sand-clay mixtures	2
Inorganic silts, and fine sands; si with slight plasticity; inorgani sandy clays; silty clays; lean cl	lty or clayey fine sands and clayey silts, c clays of low to medium plasticity; gravely clay ays (ML and CL soils)	1 s;
Inorganic clays of high plasticity sand or silty soils, elastic silts	, fat clays; micaceous or diatomaceous fine (CH and MH soils)	1













